AIWA CO.,LTD.

8A-HC1-905-11
000321BMN-O9

aiwa

OPERATING INSTRUCTIONS
BEDIENUNGSANLEITUNG
MODE D'EMPLOI

XP-R210

COMPACT DISC PLAYER

COMPACT
disc
DIGITAL AUDIO

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the exterior.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT

CAUTION!
Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.

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ATTENTION
The product that you purchased contains rechargeable batteries. The rechargeable batteries are recyclable. At the end of their useful life, it may be illegal to dispose the batteries into the municipal waste stream under various state and local laws. Check with your local solid waste officials in your area for details about recycling options or proper disposal.

Ni-Cd

Cd

PRECAUTIONS

English

To maintain good performance

- Do not use the unit in places which are extremely hot, cold, dusty or humid. In particular, do not use or keep the unit in following places.
  - in a high humidity area such as a bathroom
  - near a heater
  - in an area exposed to direct sunlight (e.g., inside a parked car, where it can become extremely hot)
  - near sources of strong magnetism, such as televisions, speakers, or magnets
  - where there is a lot of movement or vibration, such as on a car dashboard or an unstable shelf

For safety

- Do not attempt to disassemble the unit. Laser rays from the optical pickup are dangerous to the eyes.
- Make sure that pins or other foreign object do not get inside the player.
- Take care not to drop the unit or subject it to strong shocks.
- To keep dust from the pickup lens, keep the disc compartment lid closed after use. Never touch the lens.
- If you hear no sound when playing a disc, DO NOT turn the volume up high because music could suddenly start at high volume. Turn the volume control to the lowest level before starting playback and slowly turn it up to the desired level.

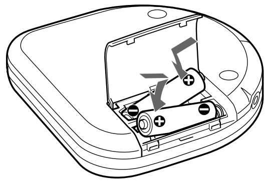
Note on listening with the headphones

- Listen at moderate volumes to avoid hearing damage.
- Do not wear the headphones while driving or cycling.It may create a traffic hazard.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations, such as walking, jogging, etc.
- Wear them properly; L is left, R is right.
- The in-ear type headphones should be worn with the longer cord behind your neck.

Note on condensation

If the unit is suddenly moved from a cold place to a warm one, it may result in condensation on the pickup lens and malfunction or playback difficulties.
Should this occur, leave the unit for a few hours, then try to playback again.

1



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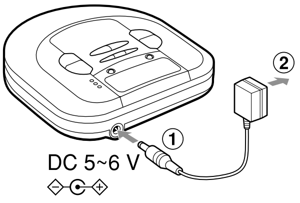

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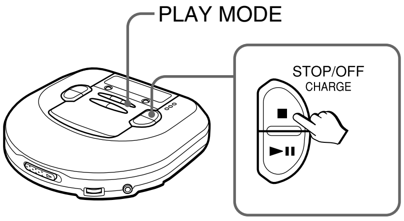


USING ON RECHARGEABLE BATTERIES

English

- When using on the rechargeable batteries for the first time, charge them until the battery indicators go out.
- Before charging the batteries, close the disc compartment. You cannot charge the batteries while it is opened.

1 **Insert the supplied rechargeable batteries with the ⊕ and ⊖ marks correctly aligned.**

2 **Connect the AC adaptor.**
① to DC 5~6 V jack
② to wall outlet

3 **Keep ■STOP/OFF/CHARGE pressed for about 1 second to start charging.**
"C-On" appears, and OPE/BATT indicators blink.
When charging is completed, "C-OFF" flashes a few times, and the OPE/BATT indicators go out.
Recharging fully used batteries takes about 6 hours.
After charging, disconnect the AC adaptor.

Time to recharge the batteries

Recharge the batteries when E (red) lights. If the unit remains in use after E (red) lights, "Lo-bAtt" appears and the current operation stops.

To stop charging

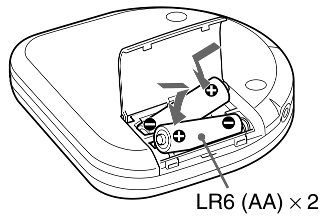
Press ■STOP/OFF/CHARGE during charging.

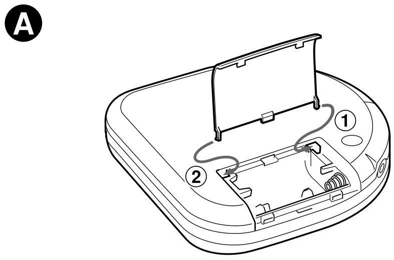
Force charging

When the recharging stops after only few minutes or the batteries cannot be fully recharged, press ■STOP/OFF/CHARGE while pressing PLAY MODE to start force charging.

Note on rechargeable batteries

- Use only the supplied AC adaptor to recharge the batteries.
- Do not charge them for more than 24 hours.
- If the operation time is short even if the batteries are charged until the battery indicators go out, recharge the batteries after using them up.
- The supplied rechargeable batteries can be recharged approximately 300 times.





USING ON DRY CELL BATTERIES

Open the battery compartment and insert two LR6 (size AA) alkaline batteries with the ⊕ and ⊖ marks correctly aligned.

Battery replacement
The OPE/BATT indicator changes from F (green) to M (orange) to E (red) according to the remaining power of the batteries. Replace the batteries when E (red) lights. If the unit remains in use after E (red) lights, “Lo-bAtt” appears, and the current operation stops.

Battery life (using alkaline batteries LR6)

The setting of the E•A•S•S switch	Battery life
48	Approx. 20 hours
12	Approx. 19 hours
OFF	Approx. 15 hours

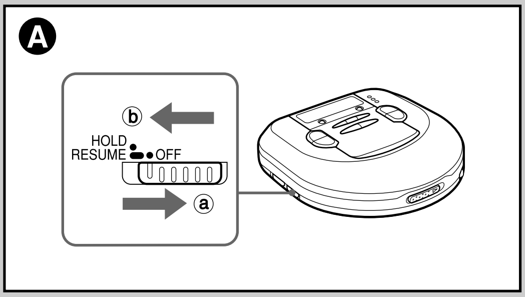
Battery life may vary depending on conditions of use.

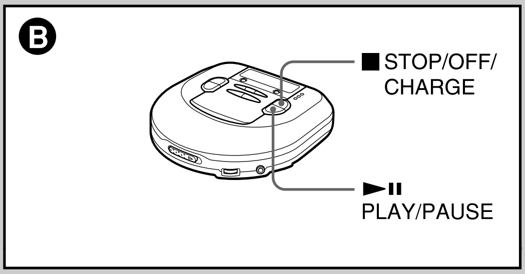
If the cover of the battery compartment comes off → Ⓐ

Note on dry cell batteries
- Make sure that the ⊕ and ⊖ marks are correctly aligned.
- Do not mix the different types of batteries, or an old battery with a new one.
- To prevent the risk of electrolyte leakage or explosions, never recharge the batteries, apply heat to them, or take them apart.
- When not using the batteries, remove them to prevent needless battery wear.
- If liquid leaks from the batteries, wipe thoroughly to remove.

USING ON AC HOUSE CURRENT

Connect the supplied AC adaptor in the same way as recharging the batteries.
During operation on AC house current, all the OPE/BATT indicators light.





BEFORE PLAYBACK

HOLD switch ➔ Ⓐ

Release the HOLD switch before playback. ➔ ⓐ
When not using the unit, set the HOLD switch to the HOLD position. ➔ ⓑ
Accidentally pressed button will not function.
If buttons are pressed when the HOLD switch is set to HOLD position, “HOLd” flashes in the display.

Turning on and off ➔ Ⓑ

Turning the power on

Press ►II PLAY/PAUSE. Power is turned on and playback starts.

Note

“Err” appears on the display when you play a disc placed upside-down or a defective disc.

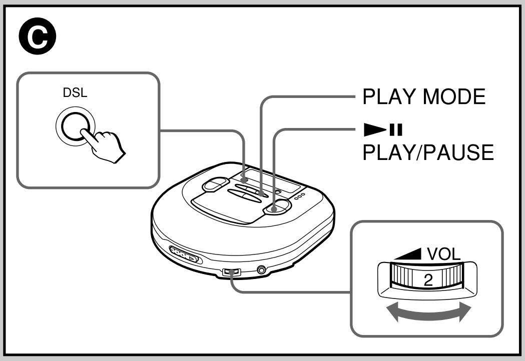
Turning off the power

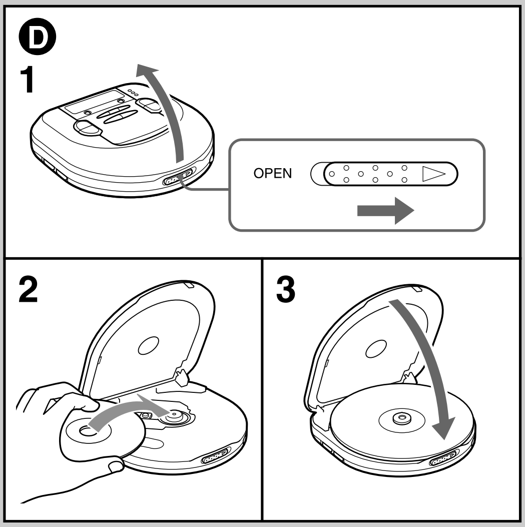
If no new operations are done within 30 seconds from the end of last operation, the power is turned off automatically. (Auto power off function)

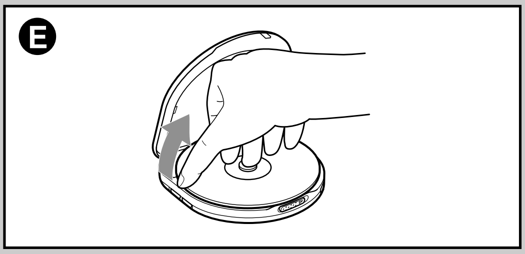
- You can turn off the power by pressing ■STOP/OFF/CHARGE before it is automatically turned off.

Standby mode ➔ Ⓑ

When an operation finishes, the unit goes into standby mode until the auto power off function automatically turns off the power.
To enter standby mode, press ►IIPLAY/PAUSE to start playback, then press ■STOP/OFF/CHARGE.







Adjusting the sound → Ⓒ

Volume

Turn the VOL control to adjust the volume.

DSL

Press DSL repeatedly for more powerful sound and deeper bass.

DSL● : Deep bass is emphasized.
DSL●● : Deep bass is strongly emphasized.
DSL : Normal sound

Signal sound function → Ⓒ

You can check the operation by beep sound when you press an operation button.
The signal sound function is not activated when you purchase this unit.
To use the signal sound function, press ►IIPLAY/PAUSE while pressing PLAY MODE while in stop mode. The beep sound is heard when you press a button.
To cancel the beep sound, repeat this procedure.

Inserting a disc → Ⓓ

1. **Slide the OPEN switch to open the disc compartment.**
2. **Place a disc in the center with the label side facing up.**
3. **Close the disc compartment.**

To remove the disc → Ⓔ

Pick up the disc, holding its edge, while pressing the pivot gently.

Note

- The unit may not play a CD-R/RW disc that is recorded on personal computers or some kinds of CD-R/RW recorders because of differences in recording platforms.
- Do not attach any seal or label to either side (the recordable side or the labeled side) of a CD-R/RW disc. It may cause malfunction.

PLAYBACK

English

Connect the supplied headphones to the PHONES/LINE OUT jack.

1 **Release HOLD.**
2 **Place a disc.**
3 **Press ►II PLAY/PAUSE.**

Playback starts from the first track.

ⓐ track number
ⓑ elapsed playing time

Basic operation

To stop	Press ■STOP/OFF/CHARGE.
To pause	Press ►II PLAY/PAUSE. To resume, press again.
To search for the beginning of a track	Press I◀◀ or ▶▶I.
To locate a desired passage	Keep I◀◀ or ▶▶I pressed. Release the button at the start of desired passage.

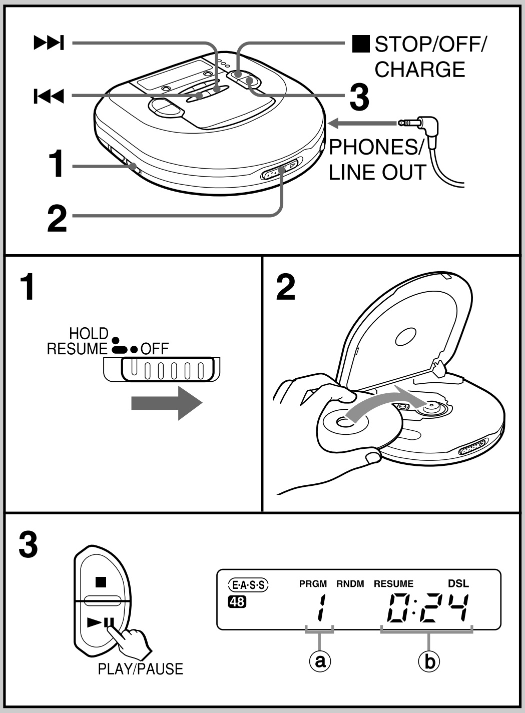
Display during playback → Ⓐ

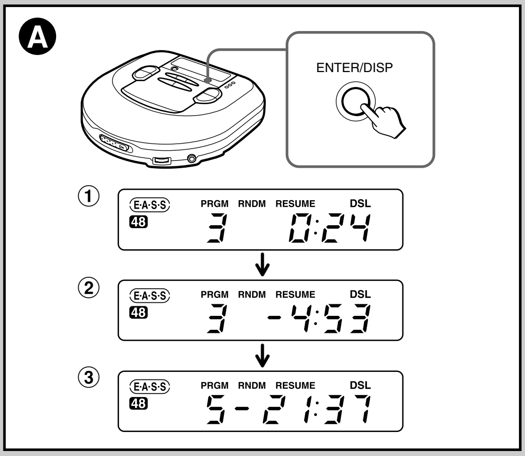
Press ENTER/DISP during playback to change the display as follows.

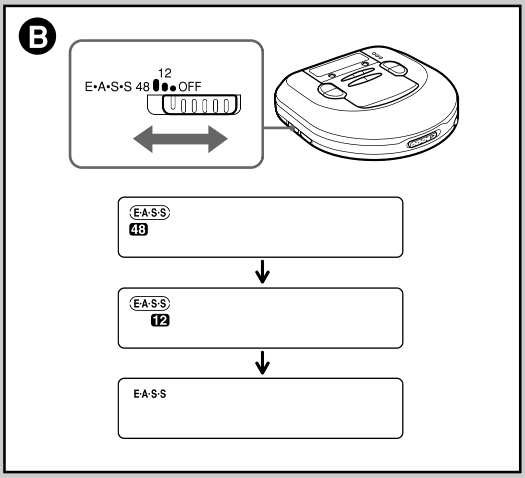
① Track display and elapsed playing time (normal display)
↓
② Track display and remaining playing time of the track in play
↓
③ Remaining number of tracks and remaining playing time

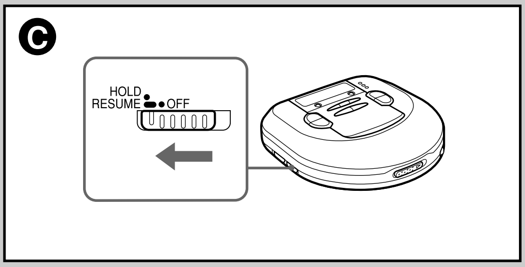
The time is not displayed in following cases.

- When trying to program tracks beyond No.32.
- When the total remaining time of the programmed tracks is over 100 minutes.


▶▶I
■ STOP/OFF/ CHARGE
I◀◀
3
1
PHONES/ LINE OUT
2
1
HOLD
RESUME
OFF
2
3
E·A·S·S
48
PRGM RNDM RESUME DSL
1 0:24
ⓐ
ⓑ
PLAY/PAUSE


A
ENTER/DISP
①
E·A·S·S 48 PRGM RNDM RESUME DSL
3 0:24
②
E·A·S·S 48 PRGM RNDM RESUME DSL
3 -4:53
③
E·A·S·S 48 PRGM RNDM RESUME DSL
5-21:37





E•A•S•S PLUS (Electronic Anti-Shock System) → B

The E•A•S•S PLUS function reduces skipping or muting of the sound when the unit is subjected to shocks.
The player keeps about 48 seconds or 12 seconds of playback sound in its memory.

To keep 48 seconds in the memory, set the E•A•S•S switch to 48.
To keep 12 seconds in the memory, set the E•A•S•S switch to 12.
To cancel the E•A•S•S PLUS function, set the E•A•S•S switch to OFF.

Note

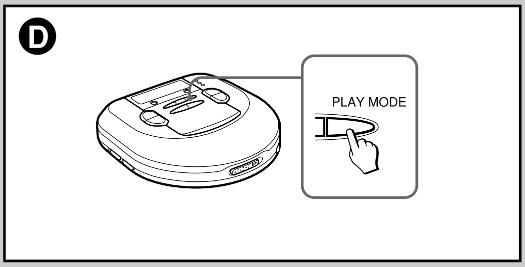
- Continuous shock or vibration may cause the sound to be interrupted even if the E•A•S•S PLUS function is activated. This is normal and not a malfunction. Should you experience an interruption in sound, stabilize the unit for a few seconds, then resume your activity.
- When the E•A•S•S switch is slid during playback, the unit will pause for about 2 seconds.
- When you set the E•A•S•S switch to 12 or OFF, the quality of the sound will be better than the case that you set it to 48.

Resume function → C

Set the HOLD switch to RESUME.
RESUME appears, and you can start playback from the point where you stopped playback by pressing ■STOP/OFF/ CHARGE.
When the resume function is on, all-track repeat is selected automatically.
To cancel resume function, set the HOLD switch to OFF.

Note

- Resume play may start at a point about 30 seconds behind or ahead the stopped point. Resume play may not operate if you stopped at the last 30 seconds of the final track.
- Resume play will be canceled if you open the disc compartment. If the unit is turned off, resume play will not be canceled. In this case, be sure to set the HOLD switch to OFF before changing discs.



Random play → D

Press PLAY MODE in standby mode to display RNDM.
Tracks on the disc are played in random order.

To cancel random play, press PLAY MODE in standby mode. RNDM display changes to RNDM.

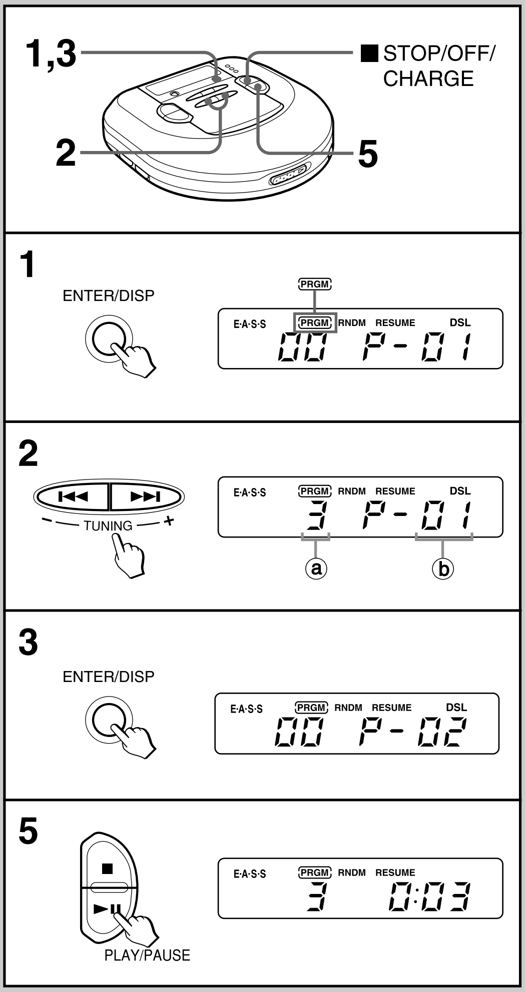
Note

- You cannot back to previous track by pressing ⏮ during random play.
- You cannot select one-track repeat during random play.

Repeat play → D

Press PLAY MODE during playback to select repeat play as follows.

↺1 : one-track repeat ←
↓
↺ : all-track repeat
↓
no repeat play (normal play)


1,3
■ STOP/OFF/ CHARGE
2
5
1
ENTER/DISP
PRGM
E·A·S·S PRGM RNDM RESUME DSL
00 P-01
2
I◄◄ ►►I
– TUNING +
E·A·S·S PRGM RNDM RESUME DSL
3 P-01
ⓐ
ⓑ
3
ENTER/DISP
E·A·S·S PRGM RNDM RESUME DSL
00 P-02
5
■
►II
PLAY/PAUSE
E·A·S·S PRGM RNDM RESUME
3 0:03

PROGRAM PLAY

English

Up to 24 tracks can be chosen for program play.

1 **Press ENTER/DISP in standby mode to display PRGM .**
2 **Select the desired track by pressing I◄◄ and ►►I.**
ⓐ track number
ⓑ program number
3 **Press ENTER/DISP within 8 seconds.**
If it is not pressed within 8 seconds, the track number changes to 00. Repeat the procedure from step 2 again.
4 **Repeat steps 2 and 3 to program more tracks.**
5 **Press ►II PLAY/PAUSE to start program play.**

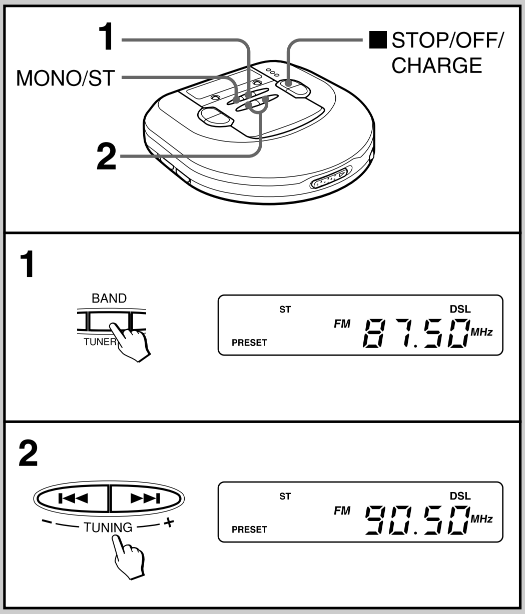
To stop program play
Press ■ STOP/OFF/CHARGE.

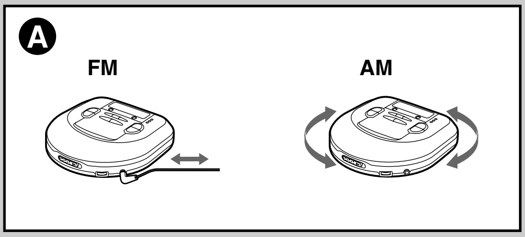
To add tracks to the program
Repeat steps 2 and 3 before you proceed to step 5. You can add tracks to the end of the program.

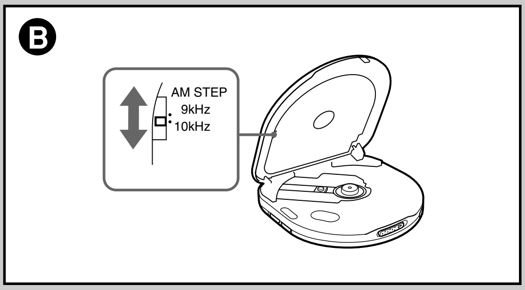
To erase the program
Press ■ STOP/OFF/CHARGE while in standby mode.

To check the programmed tracks
Press ENTER/DISP repeatedly before you proceed to step 5.
The number of each programmed track appears in order of playback.

Note
- The program is also erased when the disc compartment is opened or the auto power off function turns power off.
- When the 24 tracks are programmed, “P-FULL” appears, and no more tracks may be added.
- You cannot back to previous track by holding I◄◄ pressed during program play.
- Repeat play and random play can be performed during program play.







RADIO RECEPTION

Tuning in to a station

1 **Press TUNER ON/BAND repeatedly to select AM or FM.**
2 **Press TUNING + (▶▶I) or – (I◀◀) to tune in to a station.**

After listening, press ■STOP/OFF/CHARGE to turn off the radio.

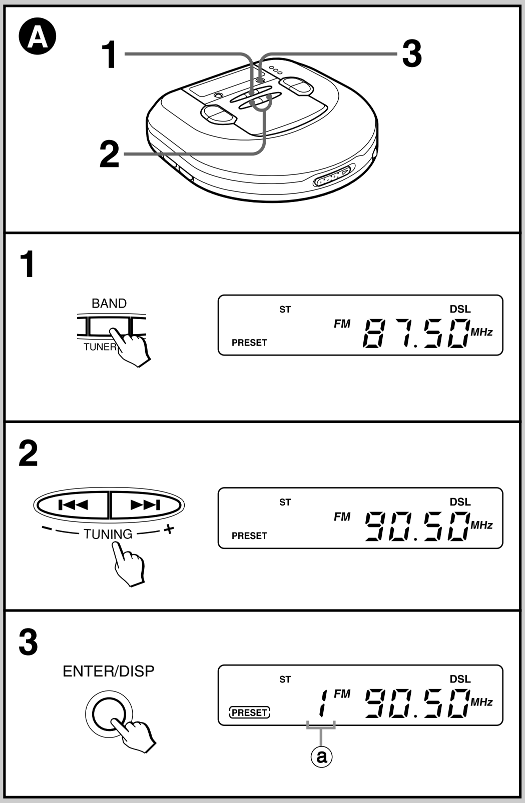
For quick tuning
Keep either TUNING + (▶▶I) or – (I◀◀) pressed for about 1 second. When a station is tuned in to, the frequency stops automatically. However, it does not stop if the broadcast signal is weak.

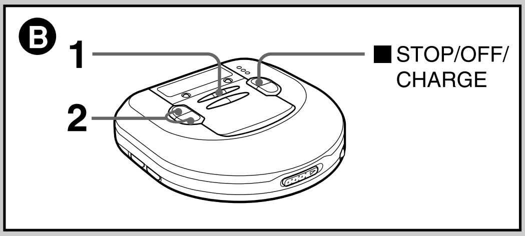
For better reception → Ⓐ
FM: The headphone cord functions as the FM antenna. Keep it extended.
AM: Turn the unit to find the position which gives the best reception.

To listen to an FM stereo broadcasting
When a tuned in station is in stereo, ST changes to ST. When the FM stereo signal is weak and distorted, press MONO/ST. ST goes out and the sound will be heard in monaural but distortion will be reduced.

Note
- Do not open the disc compartment during radio reception. The buttons will be deactivated.
- The power is turned off automatically if no operation is made after 180 minutes from the last operation during radio reception.

AM steps → Ⓑ
Radio broadcasts have different frequency ranges and changes in different steps in different countries.
This unit is factory-set to 9 kHz steps on AM. When using the unit where the AM step changes to 10 kHz, set the AM STEP switch on the inner side of the disc compartment to 10 kHz.
- When the AM step is changed, stations that you preset are erased.





Presetting stations → Ⓐ

You can preset up to total of 30 stations on AM and FM.

1 **Press TUNER ON/BAND repeatedly to select AM or FM.**
2 **Press TUNING + (▶▶I) or – (I◀◀) to tune in to a station.**
3 **Press ENTER/DISP to preset the station.**
ⓐ preset number

To preset more stations, repeat steps 2 and 3.

Listening to preset stations → Ⓑ

1 **Press TUNER ON/BAND repeatedly to select AM or FM.**
2 **Press PRESET CALL ▲/▼ repeatedly to select the preset number.**

After listening, press ■STOP/OFF/CHARGE to turn off the radio.

Changing the presetting

1 **Press PRESET CALL ▲/▼ repeatedly to select the preset number you wish to change.**
2 **Keep ENTER/DISP pressed for 1 or more seconds until the preset number and the frequency flash.**
3 **While the preset number is flashing, press TUNING + (▶▶I) or – (I◀◀) to tune in to a station.**
4 **Press ENTER/DISP to preset the station on the selected preset number.**

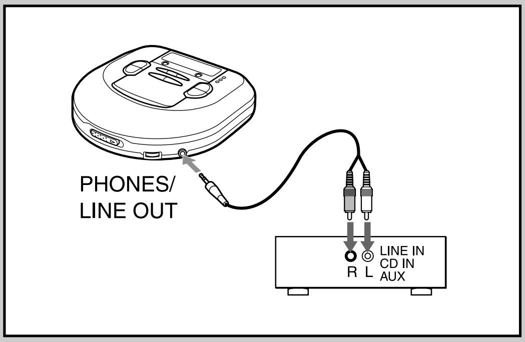
If the flashing stops, repeat the procedure from step 2.

Erasing the presettings one by one

Press ■STOP/OFF/CHARGE after step 2 in “Changing the presetting” above. Each preset station is erased. All the settings move up by one and the preset numbers are refreshed.

Erasing all of the presetting

Keep ENTER/DISP pressed, then press TUNER ON/BAND when the frequency and preset number starts flashing.

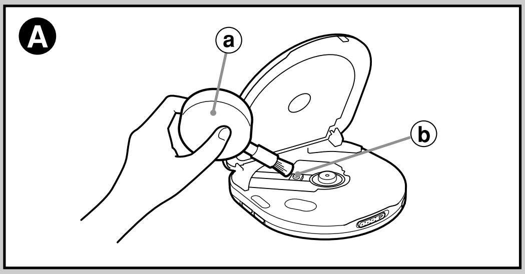


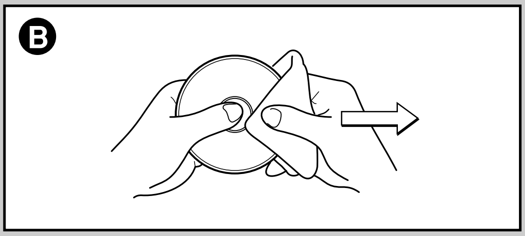
CONNECTING AN EXTERNAL UNIT

Use a commercially available connection cord which has a 3.5 ø stereo mini-plug at one end and two phono plugs at the other end.
Connect the stereo mini-plug to the PHONES/LINE OUT jack of the unit and connect the phono plugs to the analog input terminals of the external unit.

Note

- Turn off the power of both units before connection.
- DO NOT connect to the PHONO inputs of an amplifier (with a built-in phonoequalizer-amplifier).
- Adjust the volume and DSL on this unit.





MAINTENANCE

To clean the lens → Ⓐ

If the lens becomes dirty, the player will skip or not play. If this occurs, clean the lens in the following manner.

To remove dust or dry particles, first use a camera lens blower/brush ⓐ to blow a few times to loosen particles, then gently brush the lens ⓑ clean. Finish by blowing the lens again.

To remove fingerprints, use a cotton swab dipped in lens cleaning solution. Wipe gently from the center to the edge. Lens cleaning solution is commercially available.

Note

Take care not to get too much solution on the swab, which could flow into the unit and cause damage.

Pressing too strongly with the swab could scratch or break the lens.

To clean the discs → Ⓑ

Before playing, wipe the disc from the center outward with a cleaning cloth. After playing, store the disc in its case.

SPECIFICATIONS

Tracking system	3-beam laser
Laser pickup	Semiconductor laser
D/A conversion	4-times oversampling digital filter + 1-bit DAC
Frequency response	20 – 20,000 Hz (47 k ohms)
Output	PHONES/LINE OUT jack (stereo mini-jack)
Frequency range	AM: 531/530 kHz – 1,602/1,710 kHz (9 kHz/10 kHz steps) FM: 87.5 – 108 MHz
Maximum output	10 mW + 10 mW (16 ohms at 1 kHz) 500 mV (47 k ohms at 1 kHz)
Power supply	DC 3 V using two LR6 (size AA) alkaline batteries DC 2.4 V using two supplied rechargeable batteries AC house current using the supplied AC adaptor
Maximum outside dimensions	128 (W) × 31.2 (H) × 129.5 (D) mm (excluding projecting parts and controls) (5 1/8 × 1 1/4 × 5 1/8 in.)
Weight	Approx. 225 g (7.9 oz.) excluding batteries
Accessories	AC adaptor AC-D603 (1) Rechargeable batteries (2) Stereo headphones (1)

«AC Adaptor AC-D603»

Rated input	AC 230 V, 50 Hz
Supplied headphones HP-M043	Type: In-ear type Impedance: 16 ohms Sensitivity: 107 dB/mW
Recommended commercially available headphones	Type: In-ear type/Vertical type/Headband type Impedance: 16 – 32 ohms Sensitivity: 100 – 109 dB/mW

The specifications and external appearance of this unit are subject to change without notice.